

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,277,635 B2  
APPLICATION NO. : 10/772173  
DATED : October 2, 2007  
INVENTOR(S) : René E. Kristiansen

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 3:

Line 27, after "Fig. 1 shows a communication system" delete "consisting of network elements" and insert -- consisting of two network elements --.

Line 33, after "Fig. 5 shows a first channel coupling" delete "characteristic an MZI" and insert -- characteristic for an MZI --.

Line 58, delete "may be used transmitted from both 1 and 2 for amplifying signals transmitted from both 1 and 2." and insert -- may be used for amplifying signals transmitted from both 1 and 2. --.

Column 4:

Line 30, after "The wavelength multiplex" delete "coupler 17 subsequently" and insert -- coupler 17 is subsequently --.

Column 6:

Line 24, delete the equation:

$$E_c = -E_1(\lambda_1) + E_2(\lambda_1) \quad ,$$

and insert the following equation:

$$E_c = E_1(\lambda_1) + E_2(\lambda_2)$$



--

Line 26, after "and results in a field" delete "on the port" and insert -- on the port A --.

Line 30, delete the equation:

$$E_A = -E_2(\lambda_1)e^{j\pi} \quad ,$$

and insert the following equation:

$$E_A = E_2(\lambda_1)e^{j\pi/2} \quad ,$$

Line 34, delete the equation:

$$E_D = -E_1(\lambda_1) \quad ,$$

and insert the following equation:

$$E_D = E_1(\lambda_1) \quad ,$$

Line 36, delete "wavelength  $\lambda_B$  may be" and insert -- wavelength  $\lambda_L$  may be --.

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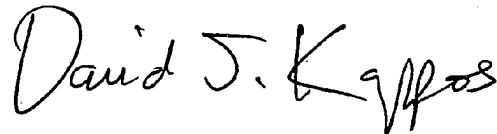
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7:

Line 31, delete "and  $A_L$ ," and insert --  $\lambda_L$ , --.

Signed and Sealed this

Twenty-ninth Day of December, 2009

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos  
*Director of the United States Patent and Trademark Office*